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AUTOMATIC COUNTERS 1968

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MONTANA

AUTOMATIC COUNTERS 1968

Prepared by the

MONTANA STATE HIGHWAY COMMISSION

PLANNING SURVEY SECTION

In cooperation with

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

BUREAU OF PUBLIC ROADS

LOCATION OF
PERMANENT COUNTERS

MONTANA

FEDERAL AID INTERSTATE,
FEDERAL AID PRIMARY,
FEDERAL AID SECONDARY
AND FOREST HIGHWAY ROUTES

PREPARED BY THE
MONTANA STATE HIGHWAY COMMISSION
PLANNING SURVEY SECTION

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS

SEPTEMBER 1968

INTRODUCTIONS

This report contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the year 1968. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. A total of 41 automatic traffic counters were in operation during 1968 or will be returned to operation as soon as construction is complete at the location.

At each recorder the highest, the 10th, the 20th, the 30th, the 40th and the 50th highest hours that occurred during each year are shown as a computed percentage figure of the average daily traffic. These are compared to the previous six years and 1941 as to stability and accuracy.

The 41 counters are distributed to the Highway System as follows:

10 on Interstate Rural	4 on Secondary System
18 on Primary Rural	2 on Arterial City Streets
3 on Primary Urban	4 on Interstate Frontage Roads

30th MAXIMUM HOUR

The American Association of Highway Officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume, or the 30th maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways." It is also now used in the design of Primary and Secondary Highways in Montana.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-1 YEAR 1968

LOCATION I-90 10.0 Miles East of Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 38.9 % Fareign Pass Cars 36.2 % Pickups 9.7 % Commercial 15.2 %

Manth	Average Daily Number af Vehicles									Percent the Average Day is af the Average Weekday	Percent the Manth Daily Average is af the Year Daily Average
	Day af Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	1,631	1,526	1,650	1,575	1,657	1,714	1,574	1,615	1,619	99.75	53.79
February	2,398	1,677	1,697	1,773	1,802	2,162	2,063	1,934	1,821	106.21	64.42
March	2,727	1,954	2,030	1,961	2,119	2,475	2,456	2,276	2,125	107.11	75.81
April	2,978	2,115	2,029	2,100	2,292	2,709	2,653	2,388	2,233	106.94	79.54
May	3,479	2,472	2,493	2,551	2,822	3,120	3,048	2,853	2,710	105.28	95.03
June	4,962	4,001	3,859	4,039	4,308	4,873	4,814	4,440	4,216	105.31	147.88
July	5,126	4,636	4,415	4,609	4,511	4,848	4,926	4,708	4,597	102.41	156.81
August	5,179	4,807	4,619	4,653	4,605	5,158	5,172	4,898	4,779	102.49	163.14
September	3,833	3,433	3,389	3,300	3,309	3,726	3,537	3,512	3,431	102.36	116.98
Octaber	3,347	2,369	2,519	2,508	2,716	3,320	3,143	2,830	2,683	105.48	94.26
November	2,640	2,330	2,404	2,534	2,366	2,850	2,634	2,550	2,513	101.47	84.93
December	2,309	1,944	1,871	1,772	2,022	2,173	2,062	2,024	1,952	103.69	67.41
Daily average for year	3,384	2,772	2,748	2,781	2,877	3,261	3,174	3,002	2,890	103.88	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

TATION A-1

ROUTE I-90 & U.S. 12 East of Missoula

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1,251	290	23.2	216	17.3	196	15.7	195	15.6				
1961	2,238	390	17.4	290	12.9	283	12.6	279	12.5	267	11.9	264	11.7
1962	2,651	406	15.3	390	10.7	383	14.4	375	14.1	370	14.0	368	13.9
1963	2,514	398	15.8	340	13.5	331	13.2	324	12.9	321	12.8	317	12.6
1964	2,388	398	16.7	354	14.8	348	14.6	344	14.4	340	14.2	336	14.1
1965	2,495	376	15.1	358	14.3	349	14.0	344	13.8	339	13.6	336	13.5
1966	2,722	410	15.1	380	14.0	364	13.4	359	13.2	355	13.0	352	12.9
1967	2,868	435	15.2	401	14.0	390	13.6	380	13.2	373	13.0	370	12.9
1968	3,002	469	15.6	424	14.1	412	13.7	405	13.5	402	13.4	394	13.1
1969													
1970													
Average	2,459	397	16.1	350	14.2	340	13.8	334	13.6				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-2 YEAR 1968

LOCATION U.S. 12 and Mont. 287 0.5 Miles East of East Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 54.7 % Foreign Pass Cars 19.0 % Pickups 16.4 % Commercial 9.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,273	1,044	1,146	1,068	1,061	1,146	1,162	1,124	1,092	102.93	52.27
February	1,947	1,399	1,252	1,220	1,267	1,556	1,528	1,446	1,335	108.31	67.25
March	2,307	1,486	1,429	1,425	1,568	1,864	1,986	1,755	1,569	111.85	81.62
April	2,780	1,720	1,614	1,587	1,676	2,111	2,249	1,942	1,735	111.93	90.31
May	3,386	1,905	1,827	2,019	2,246	2,493	2,671	2,353	2,118	111.10	109.42
June	3,717	2,581	2,560	2,483	2,649	3,163	3,279	2,957	2,687	110.05	137.51
July	4,439	3,030	2,814	3,024	3,246	3,280	3,627	3,313	3,063	108.16	154.07
August	4,206	2,962	2,707	2,760	2,731	3,230	3,478	3,153	2,887	109.21	146.63
September	3,139	2,317	2,095	2,010	2,048	2,435	2,451	2,381	2,187	108.87	110.73
October	2,734	1,671	1,636	1,679	1,781	2,361	2,285	1,990	1,809	110.01	92.54
November	2,071	1,753	1,692	1,718	1,682	2,125	1,930	1,864	1,810	102.98	86.68
December	1,941	1,528	1,411	1,292	1,384	1,614	1,459	1,526	1,444	105.68	70.97
Daily average for year	2,828	1,950	1,849	1,857	1,945	2,282	2,342	2,150	1,978	108.70	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-2

ROUTE U.S. 12 & Montana 287
East of East Helena
TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1,820	276	15.2	258	14.2	251	13.8	246	13.5	242	13.3	238	13.1
1962	1,958	363	18.5	334	17.1	320	16.3	310	15.8	303	15.5	298	15.2
1963	1,873	331	17.7	287	15.3	279	14.9	270	14.4	260	13.9	254	13.2
1964	2,032	403	19.8	359	17.7	341	16.8	330	16.2	326	16.0	323	15.9
1965	2,117	482	22.8	399	18.8	383	18.1	372	17.6	357	16.9	346	16.3
1966	2,133	463	21.7	416	19.5	383	18.0	371	17.4	356	16.7	347	16.3
1967	2,050	457	22.3	352	17.2	336	16.4	330	16.1	323	15.8	317	15.5
1968	2,150	402	18.7	359	16.7	345	16.0	336	15.6	327	15.2	322	15.0
1969													
1970													
Average	2,017	397	19.7	346	17.2	330	16.4	321	15.9	312	15.5	306	15.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-3 YEAR 1968

LOCATION U.S. 2 and 87 1.3 Miles West of Havre

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 56.6 % Foreign Pass Cars 17.3 % Pickups 21.2 % Commercial 4.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,898	2,148	2,267	2,285	2,262	2,515	2,312	2,240	2,287	97.94	76.61
February	2,315	2,180	2,367	2,413	2,338	2,467	2,639	2,387	2,352	101.49	81.63
March	2,552	2,341	2,378	2,516	2,597	2,872	2,804	2,595	2,556	101.53	88.75
April	2,764	2,593	2,558	2,683	2,737	3,000	2,896	2,736	2,702	101.26	93.57
May	3,072	2,739	2,872	3,127	3,036	3,354	3,000	3,081	3,045	101.18	105.37
June	3,444	3,170	3,459	3,422	3,233	3,629	3,471	3,404	3,377	100.80	116.42
July	3,783	3,846	3,801	4,015	3,853	3,894	3,743	3,853	3,884	99.20	131.77
August	3,804	3,880	3,588	3,797	3,625	3,920	3,836	3,780	3,763	100.45	129.27
September	3,129	3,167	3,079	3,056	3,142	3,537	3,347	3,204	3,195	100.28	109.58
October	2,893	2,788	2,727	2,810	2,929	3,347	3,151	2,937	2,907	101.03	100.44
November	2,394	2,606	2,800	2,845	2,659	3,075	2,624	2,724	2,810	96.94	93.16
December	2,011	2,278	2,221	1,982	2,019	2,365	2,137	2,147	2,180	98.49	73.43
Daily average for year	2,838	2,811	2,843	2,913	2,869	3,165	2,997	2,924	2,922	100.07	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-3

ROUTE U.S. 2 East of Havre

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	863	167	19.4	134	15.5	124	14.3	118	13.7				
1961	2,248	340	15.1	255	11.3	238	10.6	230	10.2	227	10.1	224	10.0
1962	2,326	266	11.4	259	11.1	249	10.7	243	10.4	241	10.4	239	10.3
1963	2,408	410	17.0	268	11.1	254	10.5	248	10.3	244	10.1	240	10.0
1964	2,466	410	16.6	287	11.6	276	11.2	270	10.9	263	10.7	258	10.5
1965	2,586	363	14.0	293	11.3	281	10.9	275	10.6	272	10.5	269	10.4
1966	2,711	364	13.4	311	11.5	300	11.1	294	10.8	287	10.6	283	10.4
1967	2,661	350	13.2	314	11.8	299	11.2	292	11.0	288	10.8	282	10.6
1968	2,924	359	12.3	323	11.0	312	10.7	306	10.5	304	10.4	301	10.3
1969													
1970													
Average	2,355	337	14.3	272	11.5	259	11.0	253	10.7				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-4 YEAR 1968

LOCATION U.S. 10 and 12 1.5 Miles West of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 43.6 % Foreign Pass Cars 19.5 % Pickups 18.9 % Commercial 18.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	707	756	838	793	807	846	790	791	806	98.14	72.31
February	898	843	896	835	895	979	923	895	889	100.67	81.82
March	1,073	1,028	1,000	977	995	1,121	1,043	1,038	1,029	100.87	94.89
April	1,175	1,098	1,078	1,013	1,043	1,234	1,124	1,108	1,093	101.37	101.30
May	1,270	1,107	1,090	1,095	1,127	1,195	1,262	1,161	1,125	103.20	106.14
June	1,485	1,341	1,392	1,341	1,372	1,409	1,361	1,388	1,371	101.24	126.89
July	1,376	1,431	1,449	1,411	1,298	1,414	1,337	1,392	1,404	99.15	127.26
August	1,414	1,450	1,450	1,440	1,382	1,460	1,410	1,428	1,435	99.51	130.55
September	1,122	1,123	1,093	1,095	1,092	1,173	1,171	1,124	1,116	100.72	102.76
October	1,086	990	1,032	1,018	1,062	1,137	1,102	1,059	1,047	101.15	96.82
November	865	935	962	971	903	1,033	995	956	964	99.17	87.40
December	719	855	838	720	743	835	778	786	803	97.88	71.86
Daily average far year	1,099	1,080	1,093	1,059	1,060	1,153	1,108	1,094	1,090	100.37	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-4

ROUTE U.S. 10 & 12 West of Miles City

TRAFFIC TYPE Primary Approach

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1,520	232	15.3	207	13.6	191	12.6	187	12.3				
1961	1,771	328	18.5	215	12.1	201	11.3	193	10.9	190	10.7	187	10.6
1962	1,814	236	13.0	222	12.2	219	12.1	213	11.7	210	11.6	206	11.4
1963	1,320	194	14.7	159	12.0	148	11.2	143	10.8	140	10.6	139	10.5
1964	1,195	194	16.2	162	13.6	149	12.5	145	12.1	143	12.0	140	11.7
1965	1,137	248	21.8	142	12.5	131	11.5	125	11.0	123	10.8	120	10.6
1966	1,108	143	12.9	128	11.6	125	11.3	122	11.0	120	10.8	119	10.7
1967	1,099	151	13.7	130	11.8	124	11.3	121	11.0	119	10.8	117	10.6
1968	1,094	147	13.4	128	11.7	124	11.3	120	11.0	118	10.8	116	10.6
1969													
1970													
Average	1,340	208	15.5	166	12.4	157	11.7	152	11.3				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-5 YEAR 1968

LOCATION Mont. 7 - 1.0 Mile South of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.6 % Foreign Pass Cars 8.0 % Pickups 28.9 % Commercial 23.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	523	547	561	553	543	591	515	548	558	98.21	82.18
February	662	479	529	545	542	643	632	575	548	104.93	86.23
March	649	566	587	556	571	626	575	592	582	101.72	88.78
April	650	575	583	574	606	641	640	608	594	102.36	91.18
May	723	652	665	593	645	679	658	656	644	101.86	98.38
June	892	650	670	673	692	751	801	740	687	107.71	110.97
July	827	746	685	774	739	750	693	744	739	100.68	111.57
August	812	848	773	734	743	748	780	774	766	101.04	116.07
September	793	726	790	780	748	808	869	789	773	102.07	118.32
October	781	708	664	693	719	749	743	720	705	102.13	107.97
Navember	596	671	628	673	628	762	683	670	681	98.38	100.47
December	563	624	591	582	550	613	572	586	594	98.65	87.88
Daily average far year	706	649	644	644	644	697	680	667	656	101.68	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

TATION A-5

ROUTE Montana 7 South of Wibaux

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8	37	16.9	34	15.5	33	15.1				
1961	541	102	18.8	74	13.7	68	12.6	65	12.0	63	11.6	62	11.5
1962	582	118	20.2	77	13.2	68	11.7	66	11.3	65	11.2	63	11.0
1963	595	182	30.5	95	16.0	81	13.6	75	12.6	72	12.1	69	11.6
1964	604	182	30.1	120	19.9	93	15.4	85	14.1	79	13.1	75	12.4
1965	623	247	39.6	98	15.7	84	13.5	79	12.7	75	12.0	73	11.7
1966	647	127	19.6	84	13.0	77	11.9	73	11.3	70	10.8	68	10.5
1967	649	238	36.7	123	19.0	113	17.4	99	15.3	93	14.3	88	13.6
1968	667	133	19.9	99	14.8	85	12.7	81	12.1	77	11.5	74	11.1
1969													
1970													
Average	570	153	26.8	90	15.8	78	13.7	73	12.8				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-6 YEAR 1968

LOCATION FAS 288 - 0.5 Mile South of Manhattan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cars 49.0 % Foreign Poss Cars 0.3 % Pickups 28.4 % Commercial 22.3 %

Month	Average Daily Number of Vehicles									Percent the Averoge Doy is of the Averoge Weekdoy	Percent the Month Daily Averoge is of the Yeor Daily Averoge
	Doy of Week							Average Day	Averoge Weekdoy		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sundoy thru Saturday	Mandoy thru Fridoy		
January	*		COUNTER	NOT IN	OPERATION						
Februory	*		COUNTER	NOT IN	OPERATION						
Morch	*		COUNTER	NOT IN	OPERATION						
April	286	398	371	358	385	382	358	359	378	94.97	
Moy	306	452	431	461	473	458	399	429	456	94.08	
June	317	432	470	433	447	444	372	411	445	92.36	
July	282	435	429	429	387	423	376	398	422	94.31	
August	315	434	455	458	415	408	411	413	432	95.60	
September	299	418	436	433	498	423	419	414	440	94.09	
October	275	393	394	400	476	383	406	393	411	95.62	
November	255	337	343	369	381	369	323	340	360	94.44	
December	206	358	360	329	367	364	335	329	356	92.42	
Doily overoge for yeor											

* Counter not in operation

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-6

ROUTE FAS 288 South of Manhattan

TRAFFIC TYPE Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3	45	13.7	43	13.1
1962	351	131	37.3	61	17.4	55	15.7	52	14.8	50	14.2	49	14.0
1963	369	133	36.0	79	21.4	71	19.2	65	17.6	62	16.8	59	16.0
1964	351	83	23.6	74	21.1	68	19.4	64	18.2	61	17.4	60	17.1
1965	375	168	44.8	61	16.3	56	14.9	53	14.1	51	13.6	50	13.3
1966	410	108	26.3	64	15.6	59	14.4	56	13.7	54	13.2	52	12.7
1967	412	94	22.8	58	14.1	56	13.6	53	12.9	52	12.6	50	12.1
1968	387	95	24.5	61	15.8	53	13.7	50	12.9	48	12.4	47	12.1
1969													
1970													
Average	360	117	32.5	64	17.8	57	15.8	54	15.0				

* A.D.T. For 9 months - Last three months counter was out - wrecked by car.

** A.D.T. For 9 months - First three months counter was out.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-7 YEAR 1968

LOCATION U.S. 91 - 2.0 Miles North of Wolf Creek

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 52.2 % Foreign Pass Cars 22.7 % Pickups 11.4 % Commercial 13.7 %

Manth	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January			COUNTER NOT IN OPERATION					* 933	*1,093	85.36	79.26
February	1,091	859	614	670	748	1,024	941	849	783	108.43	72.13
March	1,382	906	906	891	1,095	1,174	1,229	1,101	1,003	109.77	93.54
April	1,544	1,087	957	1,175	945	1,205	1,074	1,129	1,063	106.21	95.92
May	1,713	969	942	1,004	1,079	1,281	1,310	1,179	1,064	110.81	100.16
June	1,769	1,250	1,174	1,169	1,266	1,561	1,362	1,378	1,284	107.32	117.07
July	1,810	1,334	1,246	1,349	1,302	1,476	1,489	1,421	1,341	105.97	120.72
August	2,079	1,547	1,479	1,483	1,475	1,826	1,854	1,676	1,562	107.30	142.39
September	1,672	1,389	1,236	1,210	1,200	1,469	1,456	1,386	1,305	106.21	117.75
October	1,487	997	968	1,036	1,065	1,445	1,276	1,167	1,092	106.87	99.14
November	1,215	869	1,014	1,130	988	1,212	1,092	1,092	1,069	102.15	92.77
December	973	765	762	678	803	873	833	814	775	105.03	69.15
Daily average for year	1,395	998	942	983	997	1,212	1,160	1,177	1,120	106.91	

* January was estimated

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-7

ROUTE I-15 North of Wolf Creek

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	108	20.2	97	18.2	93	17.4				
1961	1,096	176	16.1	157	14.3	148	13.5	143	13.0	139	12.7	136	12.4
1962			UNDER CONSTRUCTION										
1963	1,107	199	17.9	173	15.7	165	14.9	160	14.5	154	13.9	150	13.5
1964	1,121	203	18.1	184	16.4	174	15.5	168	15.0	166	14.8	165	14.7
1965	1,188	209	17.6	184	15.5	172	14.5	165	13.9	160	13.5	155	13.0
1966	1,274	251	19.7	199	15.6	183	14.4	178	14.0	174	13.7	171	13.4
1967	1,173	218	18.6	187	15.9	175	14.9	168	14.3	164	14.0	159	13.6
1968	1,177	231	19.6	194	16.5	183	15.5	178	15.1	173	14.7	169	14.4
1969													
1970													
Average	1,084	202	18.6	173	16.0	162	14.9	157	14.5				

* A.D.T. For 10 months - Counter being moved to new location.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-8 YEAR 1968

LOCATION U.S. 93 - 0.5 Miles South of Ravalli

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 55.5 % Foreign Pass Cars 14.4 % Pickups 15.5 % Commercial 14.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	1,472	1,398	1,392	1,400	1,564	1,617	1,483	1,467	1,464	100.20	59.54
February	2,246	1,697	1,622	1,681	1,851	2,043	2,042	1,887	1,789	105.48	76.59
March	1,559	1,853	1,840	1,667	2,017	2,141	2,095	1,879	1,904	98.69	76.27
April	2,816	1,999	1,949	1,928	2,129	2,422	2,426	2,235	2,094	106.73	90.72
May	3,234	2,180	2,167	2,206	2,477	2,679	2,680	2,512	2,357	106.58	101.96
June	3,657	2,735	2,747	2,783	2,960	3,379	3,173	3,067	2,893	106.01	124.49
July	5,012	3,642	3,466	3,730	3,859	4,324	4,263	3,998	3,775	105.91	162.27
August	4,480	3,665	3,559	3,483	3,742	4,016	4,077	3,868	3,710	104.26	156.99
September	3,056	2,829	2,559	2,420	2,503	2,857	2,774	2,735	2,651	103.17	111.01
October	2,559	1,857	1,916	1,996	2,221	2,554	2,631	2,228	2,100	106.10	90.43
November	2,254	1,977	1,858	1,920	2,075	2,238	2,402	2,121	2,028	104.59	86.09
December	1,351	1,491	1,473	1,608	1,721	1,717	1,649	1,568	1,602	97.88	63.64
Daily average for year	2,808	2,277	2,212	2,235	2,427	2,666	2,641	2,464	2,364	104.23	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-8

ROUTE U.S. 93 South of Ravalli

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6	200	23.6	167	19.7	153	18.0				
1961	1,811	527	29.1	305	16.8	281	15.5	271	15.0	262	14.5	250	13.8
1962	1,845	422	22.9	314	17.0	296	16.0	284	15.4	271	14.7	263	14.3
1963	1,906	581	30.5	333	17.5	293	15.4	282	14.8	269	14.1	262	13.7
1964	2,033	581	28.6	376	18.5	343	16.9	328	16.1	319	15.7	308	15.2
1965	2,148	442	20.6	359	16.7	343	16.0	331	15.4	316	14.7	310	14.4
1966	2,268	436	19.2	372	16.4	348	15.3	336	14.8	325	14.3	317	14.0
1967	2,441	717	29.4	376	15.4	362	14.8	352	14.4	345	14.1	336	13.8
1968	2,464	466	18.9	403	16.4	377	15.3	358	14.5	351	14.2	343	13.9
1969													
1970													
Average	1,974	506	25.6	338	17.1	312	15.8	299	15.1				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-9 YEAR 1968

LOCATION I-15 - 7.0 Miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 57.8 % Foreign Pass Cars 12.5 % Pickups 17.4 % Commercial 12.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2,991	3,175	3,397	3,273	3,117	3,073	2,994	3,159	3,217	98.20	76.96
February	3,774	3,572	3,553	3,419	3,711	4,217	3,814	3,723	3,695	100.76	90.71
March	3,530	3,652	3,608	3,421	3,618	4,123	3,678	3,673	3,705	99.14	89.48
April	4,144	3,581	3,257	3,295	3,654	3,983	3,852	3,663	3,542	103.42	89.25
May	4,840	3,873	3,548	3,758	4,052	4,421	4,359	4,117	3,949	104.25	100.31
June	5,557	4,673	4,357	4,384	4,474	5,229	4,984	4,839	4,623	104.67	117.89
July	5,456	4,941	4,711	4,705	4,536	5,048	4,956	4,896	4,788	102.26	119.29
August	5,753	5,120	4,846	4,839	4,999	5,878	5,536	5,300	5,164	102.63	129.13
September	4,680	4,390	4,462	4,055	4,304	4,654	4,417	4,431	4,374	101.30	107.96
October	4,592	3,895	3,615	3,615	3,839	4,054	4,616	4,102	3,928	104.43	99.94
November	4,390	4,108	3,754	3,751	3,694	4,467	4,326	4,092	3,979	102.84	99.70
December	3,118	3,464	3,293	2,992	3,083	3,505	3,325	3,258	3,277	99.42	79.38
Daily average for year	4,402	4,037	3,867	3,792	3,923	4,388	4,238	4,104	4,020	102.09	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-9

ROUTE I-15 & U.S. 89 West of Great Falls

TRAFFIC TYPE Interstate - Primary

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1,490	277	18.6	224	15.0	207	13.9	195	13.1				
1961	3,613	692	19.2	455	12.6	420	11.6	411	11.4	397	11.0	388	10.7
1962	4,092	800	19.6	490	12.0	474	11.6	454	11.1	442	11.1	436	10.7
1963	3,779	684	18.1	478	12.6	454	12.0	434	11.5	417	11.0	409	10.8
1964	3,526	684	19.4	532	15.1	478	13.6	456	12.9	448	12.7	434	12.3
1965	4,029	648	16.1	505	12.5	483	12.0	470	11.7	465	11.5	455	11.3
1966	4,149	704	17.0	542	13.1	524	12.6	493	11.9	484	11.7	473	11.4
1967	4,004	589	14.7	477	11.9	461	11.5	443	11.1	433	10.8	427	10.7
1968	4,104	543	13.2	491	12.0	471	11.5	462	11.3	455	11.1	451	11.0
1969													
1970													
Average	3,643	625	17.2	466	12.8	441	12.1	424	11.6				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-10 YEAR 1968

LOCATION U.S. 2 - 2.0 miles East of Wolf Point

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 53.0 % Foreign Pass Cars 15.1 % Pickups 18.6 % Commercial 13.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	864	1,128	1,198	1,203	1,195	1,229	1,221	1,151	1,189	96.80	77.53
February	934	1,154	1,198	1,197	1,183	1,457	1,299	1,202	1,235	97.33	80.97
March	1,092	1,328	1,310	1,358	1,355	1,398	1,263	1,296	1,352	95.86	87.30
April	1,176	1,445	1,274	1,382	1,488	1,495	1,440	1,384	1,412	98.02	93.23
May	1,347	1,484	1,500	1,577	1,485	1,585	1,571	1,511	1,529	98.82	101.79
June	1,566	1,698	1,739	1,773	1,736	1,861	1,717	1,722	1,762	97.73	116.00
July	2,046	2,097	1,937	1,962	1,888	2,084	2,135	2,019	1,994	101.25	136.01
August	1,828	2,051	2,034	2,030	2,029	2,118	2,022	2,020	2,055	98.30	136.07
September	1,366	1,568	1,644	1,599	1,643	1,658	1,591	1,574	1,620	97.16	106.03
October	1,184	1,391	1,438	1,419	1,501	1,590	1,405	1,422	1,466	97.00	95.79
November	931	1,249	1,344	1,497	1,365	1,543	1,270	1,320	1,406	93.88	88.92
December	918	1,299	1,282	1,168	1,178	1,334	1,188	1,193	1,256	94.98	80.36
Daily average for year	1,271	1,491	1,492	1,514	1,504	1,613	1,510	1,485	1,523	97.50	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-10

ROUTE U.S. 2 East of Wolf Point

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1961	1,347	218	16.2	195	14.5	164	12.2	150	11.1	143	10.6	138	10.2
1962	1,453	295	20.3	178	12.3	167	11.5	163	11.2	161	11.1	157	10.8
1963	1,532	319	20.8	201	13.1	180	11.7	176	11.5	170	11.1	164	10.7
1964	1,546	319	20.6	229	14.8	209	13.5	194	12.5	181	11.7	177	11.4
1965	1,592	350	22.0	209	13.1	196	12.3	190	11.9	186	11.7	182	11.4
1966	1,706	290	17.0	211	12.4	204	12.0	197	11.5	192	11.3	189	11.1
1967	1,451	285	19.6	201	13.9	179	12.3	173	11.9	170	11.7	165	11.4
1968	1,485	270	18.2	190	12.8	182	12.3	175	11.8	172	11.6	171	11.5
1969													
1970													
Average	1,402	280	20.0	191	13.6	173	12.3	165	11.8				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-11 YEAR 1968

LOCATION I-90 - 6.0 Miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.5 % Foreign Pass Cars 26.2 % Pickups 17.7 % Commercial 16.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	4,651	4,513	4,775	4,740	4,714	4,708	4,786	4,696	4,688	100.17	72.29
February	6,350	4,974	4,690	4,872	5,203	5,809	5,726	5,369	5,114	104.99	82.66
March	6,352	5,080	5,099	5,150	5,392	6,032	6,166	5,665	5,383	105.24	87.21
April	6,531	5,501	5,370	5,276	5,612	6,486	6,150	5,819	5,629	103.38	89.58
May	7,371	5,733	5,485	5,974	6,295	6,885	6,507	6,328	6,115	103.48	97.42
June	8,384	7,171	6,730	6,859	7,203	7,822	7,892	7,484	7,157	104.57	115.22
July	9,756	7,871	7,307	7,716	8,000	8,362	8,309	8,135	7,822	104.00	125.24
August	9,993	8,493	8,277	8,341	8,388	9,230	9,193	8,854	8,570	103.31	136.31
September	8,067	6,879	6,556	6,644	6,811	7,508	7,559	7,168	6,879	104.20	110.35
October	7,322	6,048	5,949	6,022	6,275	7,310	7,073	6,524	6,290	103.72	100.44
November	6,463	5,910	5,141	6,000	5,932	7,176	6,764	6,329	6,201	102.06	97.43
December	5,382	5,741	5,569	4,950	5,171	6,006	6,264	5,577	5,497	101.46	85.85
Daily average for year	7,219	6,157	5,962	6,045	6,250	6,945	6,866	6,496	6,279	103.46	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-11

ROUTE I-90 West of Billings

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2,913	564	19.4	423	14.5	388	13.3	370	12.7				
1961			UNDER CONTRUCTION										
1962	4,289	541	12.6	500	11.7	475	11.1	465	10.8	446	10.4	440	10.3
1963	4,699	571	12.2	532	11.3	516	11.0	502	10.7	493	10.5	498	10.6
1964	4,914	581	11.8	556	11.3	531	10.8	523	10.6	518	10.5	510	10.4
1965	5,226	758	14.5	612	11.7	586	11.2	572	10.9	565	10.8	540	10.3
1966	5,434	708	13.0	630	11.6	609	11.2	591	10.9	576	10.6	568	10.5
1967	6,013	742	12.3	691	11.5	674	11.2	654	10.9	641	10.7	629	10.5
1968	6,496	827	12.7	764	11.8	715	11.0	703	10.8	690	10.6	680	10.5
1969													
1970													
Average	4,998	662	13.2	589	11.8	562	11.2	548	11.0				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-12 YEAR 1968

LOCATION U.S. 87 & Montana 20 - 6.0 Miles West of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 61.7 % Foreign Pass Cars 7.2 % Pickups 21.1 % Commercial 10.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is af the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	794	965	1,014	1,085	882	1,071	891	964	1,006	95.83	59.57
February	1,186	1,195	1,182	1,288	1,239	1,360	1,193	1,235	1,252	98.64	76.32
March	1,394	1,174	1,215	1,315	1,297	1,524	1,387	1,339	1,315	101.83	82.74
April	1,386	1,350	1,290	1,297	1,371	1,586	1,445	1,384	1,373	100.80	85.52
May	1,758	1,521	1,484	1,658	1,561	1,717	1,692	1,623	1,588	102.20	100.29
June	1,898	1,918	1,792	1,880	1,840	2,159	1,994	1,927	1,918	100.47	119.08
July	2,309	2,158	2,067	2,306	2,152	2,320	2,138	2,204	2,197	100.32	136.20
August	2,305	2,155	2,085	2,186	2,085	2,381	2,113	2,188	2,183	100.23	135.21
September	1,846	1,782	1,831	1,805	1,767	1,958	1,832	1,830	1,826	100.22	113.09
October	1,807	1,550	1,560	1,679	1,597	1,943	1,827	1,699	1,659	102.41	104.99
November	1,492	1,552	1,511	1,700	1,530	1,894	1,703	1,637	1,650	99.21	101.16
December	1,412	1,384	1,380	1,260	1,294	1,614	1,377	1,389	1,386	100.22	85.83
Daily average for year	1,632	1,559	1,534	1,622	1,551	1,794	1,633	1,618	1,613	100.31	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-12

ROUTE U.S. 87 & Montana 20
West of Lewistown

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1961	1,491	194	13.0	172	11.5	167	11.2	163	10.9	161	10.8	158	10.6
1962	1,778	235	13.2	218	12.3	210	11.8	205	11.5	202	11.5	198	11.1
1963	1,648	253	15.4	240	14.6	222	13.5	212	12.9	205	12.4	199	12.1
1964	1,466	240	16.4	225	15.3	213	14.5	207	14.1	200	13.6	196	13.4
1965	1,463	247	16.9	182	12.4	172	11.8	165	11.3	163	11.1	160	10.9
1966	1,446	214	14.8	187	12.9	172	11.9	168	11.6	162	11.2	159	11.0
1967	1,423	303	21.3	248	17.4	198	13.9	175	12.3	167	11.7	162	11.4
1968	1,618	305	18.9	212	13.1	199	12.3	192	11.9	189	11.7	187	11.6
1969													
1970													
Average	1,441	235	16.3	198	13.7	183	12.7	175	12.1				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-13 YEAR 1968

LOCATION U.S. 191 - 7.0 Miles North of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 51.6 % Foreign Pass Cars 5.0 % Pickups 30.6 % Commercial 12.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	737	799	850	941	761	843	755	817	842	97.03	65.88
February	902	982	951	1048	993	1,081	965	989	1,010	97.92	79.75
March	957	889	899	1,038	977	1,176	980	993	1,004	98.91	80.07
April	1,031	1,056	1,010	1,043	1,058	1,197	1,062	1,063	1,069	99.44	85.70
May	1,249	1,077	1,097	1,210	1,122	1,233	1,191	1,170	1,153	101.47	94.34
June	1,279	1,165	1,185	1,267	1,164	1,306	1,170	1,220	1,217	100.25	98.37
July	1,545	1,435	1,362	1,537	1,493	1,570	1,377	1,475	1,480	99.66	118.94
August	1,350	1,463	1,392	1,516	1,382	1,527	1,317	1,420	1,456	97.53	114.50
September	1,361	1,562	1,585	1,620	1,557	1,661	1,257	1,511	1,595	94.73	121.84
October	1,401	1,616	1,693	1,776	1,668	1,796	1,328	1,621	1,710	94.80	130.71
November	1,237	1,589	1,667	1,724	1,512	1,721	1,231	1,522	1,646	92.47	122.73
December	867	1,237	1,106	1,163	1,111	1,274	815	1,081	1,178	91.77	87.17
Daily average for year	1,160	1,239	1,233	1,324	1,233	1,365	1,121	1,240	1,280	96.88	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-13

ROUTE U.S. 191 North of Lewistown

TRAFFIC TYPE Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1961	1,239	212	17.1	172	13.9	166	13.4	162	13.1	158	12.8	156	12.6
1962	1,419	225	15.9	196	13.8	189	13.3	186	13.1	184	13.0	179	12.6
1963	1,274	233	18.3	195	15.3	180	14.1	168	13.2	159	12.5	153	12.0
1964	1,150	233	20.3	201	17.5	185	16.1	172	15.0	163	14.2	159	13.8
1965	1,134	203	17.9	161	14.2	145	12.8	140	12.3	138	12.2	135	11.9
1966	1,117	166	14.9	146	13.1	136	12.2	132	11.8	130	11.6	128	11.5
1967	1,096	172	15.7	147	13.4	139	12.7	135	12.3	132	12.0	130	11.9
1968	1,240	237	19.1	186	15.0	179	14.4	176	14.2	172	13.9	167	13.5
1969													
1970													
Average	1,120	199	17.8	165	14.7	154	13.8	148	13.2				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-14 YEAR 1968

LOCATION FAS 278 - 4.0 Miles Southwest of Dillon

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 42.0 % Foreign Pass Cars 7.5 % Pickups 33.2 % Commercial 17.3 %

Manth	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is af the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	334	237	210	218	209	227	266	241	220	109.54	65.24
February	336	239	230	224	240	254	281	257	238	107.98	69.57
March	294	247	240	243	260	281	269	264	255	103.53	71.46
April	333	290	284	271	277	307	326	297	285	104.21	80.40
May	435	356	358	365	363	397	384	379	369	102.71	102.60
June	477	445	417	428	446	461	460	449	439	102.28	121.54
July	639	501	490	506	535	510	486	521	507	102.76	141.03
August	582	485	427	494	469	509	521	498	478	104.18	134.81
September	496	455	378	382	410	406	433	426	409	104.16	115.32
October	474	407	377	382	410	435	434	414	401	103.24	112.07
November	494	370	362	363	363	433	454	408	381	107.09	110.44
December	353	257	262	243	278	271	280	279	262	106.49	75.52
Daily average far year	437	357	336	343	355	374	383	369	354	104.24	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-14

ROUTE FAS 278 Southwest of Dillon

TRAFFIC TYPE Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1961	311	63	20.3	51	16.4	47	15.1	45	14.5	44	14.1	43	13.8
1962	303	279	92.1	142	46.9	53	17.5	48	15.8	47	15.5	45	14.8
1963	319	68	21.3	59	18.5	53	16.6	50	15.7	48	15.0	48	15.0
1964	314	70	22.3	61	19.4	57	18.2	54	17.2	52	16.6	51	16.2
1965	293	68	23.2	51	17.4	48	16.4	46	15.7	45	15.4	44	15.0
1966	299	61	20.4	50	16.7	48	16.1	47	15.7	45	15.1	44	14.7
1967	323	69	21.4	53	16.4	49	15.2	48	14.9	46	14.2	45	13.9
1968	369	82	22.2	59	16.0	57	15.4	53	14.4	51	13.8	51	13.8
1969													
1970													
Average	313	98	31.3	66	21.1	51	16.3	49	15.7				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-15 YEAR 1968

LOCATION Montana 20 - 4.0 Miles Northeast of Bonner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.4 % Foreign Pass Cars 11.2 % Pickups 17.6% Commercial 31.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January											
February											
March											
April				UNDER	CONSTRUCTION						
May											
June											
July											
August											
September											
October	2,236	1,461	1,431	1,582	1,638	1,942	1,728	1,708	1,613	105.89	
November	1,888	1,547	1,467	1,564	1,433	1,733	1,805	1,643	1,558	105.46	
December	1,187	1,043	1,032	989	1,128	1,222	981	1,083	1,079	100.37	
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-15

ROUTE Montana 20 Northeast of Bonner

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.7	119	40.7	111	38.0	102	34.9				
1961	1,231	311	25.3	213	17.3	201	16.3	188	17.3	184	14.9	179	14.5
1962	1,297	294	22.7	254	19.6	239	18.4	224	17.3	217	16.7	209	16.1
1963	1,263	277	21.9	251	19.6	241	19.1	230	18.2	223	17.7	220	17.4
1964	1,302	277	21.3	258	19.8	249	19.1	243	18.7	236	18.1	234	18.0
1965	1,539	326	21.2	289	18.8	273	17.7	261	17.0	253	16.4	245	15.9
1966	1,442	299	20.7	272	18.9	256	17.8	247	17.1	235	16.3	227	15.7
1967			UNDER CONSTRUCTION										
1968	1,478	267	18.1	213	14.4	188	12.7	174	11.8	164	11.1	158	10.7
1969													
1970													
Average	1,231	276	22.4	234	19.0	220	17.9	209	17.0				

* Average for last 3 months only.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-16 YEAR 1968

LOCATION U.S. 10 & 91 - 3.0 Miles West of Butte

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 57.1 % Foreign Pass Cars 18.5 % Pickups 11.0 % Commercial 13.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	3,592	3,566	3,878	3,763	3,819	3,694	3,648	3,711	3,743	99.15	
February	4,963	4,215	4,211	4,269	4,497	4,803	4,749	4,529	4,405	102.81	
March	5,492	4,712	4,731	4,597	4,829	5,591	5,578	5,122	4,925	104.00	
April	5,850	5,531	5,262	5,327	5,517	5,885	5,653	5,563	5,494	101.26	
May	7,000	5,740	5,600	5,851	6,162	6,566	6,411	6,190	6,011	102.98	
June	8,275	7,423	7,233	7,354	7,472	7,995	7,801	7,676	7,495	102.41	
July	9,025	7,847	7,742	7,675	7,736	8,292	8,000	8,005	7,829	102.25	
August	8,575	8,269	8,105	8,182	8,084	8,846	8,493	8,358	8,288	100.84	
September	7,222	6,989	7,025	6,934	7,052	7,462	7,093	7,119	7,099	100.28	
October				OUT DUE TO CONSTRUCTION							
November											
December											
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-16

ROUTE I-90 & I-15 West of Butte

TRAFFIC TYPE

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	4,495	619	13.8	543	12.1	523	11.6	513	11.4	504	11.2	497	11.1
1962	4,906	680	13.9	612	12.5	587	12.0	580	11.8	574	11.7	564	11.5
1963	5,114	719	14.1	650	12.7	633	12.4	622	12.2	613	12.0	604	11.8
1964	5,252	822	15.7	671	12.8	657	12.5	648	12.3	637	12.1	632	12.0
1965	5,680	741	13.0	702	12.4	685	12.1	670	11.8	662	11.7	658	11.6
1966	6,057	838	13.8	745	12.3	715	11.8	702	11.6	696	11.5	692	11.4
1967	6,002	779	13.0	731	12.2	715	11.9	704	11.7	688	11.5	677	11.3
1968	6,253	1,122	17.9	731	11.7	706	11.3	686	11.0	680	10.9	677	10.8
1969													
1970													
Average	5,470	790	14.4	673	12.3	653	11.9	641	11.7	632	11.6	625	11.4

* Average for 9 months - Last 3 months out due to construction.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-17 YEAR 1968

LOCATION I-15 - 0.5 Mile North of Lima

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 30.0 % Foreign Pass Cars 35.5 % Pickups 12.1 % Commercial 22.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	484	421	422	478	436	454	464	450	442	101.81	68.22
February	532	535	506	492	502	515	530	517	511	101.17	78.38
March	616	542	566	592	570	635	630	598	586	102.05	90.66
April	604	542	557	563	620	684	583	590	589	100.17	89.45
May	632	566	580	592	633	634	610	607	602	100.83	92.03
June	1,036	883	829	827	908	961	1,072	939	881	106.58	142.36
July	1,053	891	833	915	879	1,014	1,091	949	906	104.75	143.89
August	1,132	991	967	929	946	1,060	985	1,001	981	102.04	151.76
September	555	555	502	559	569	628	629	570	562	101.42	86.42
October	620	544	620	667	629	674	685	631	624	101.12	95.67
November	598	525	532	663	522	594	595	577	569	101.41	87.48
December	604	442	439	375	426	512	596	486	439	110.71	73.68
Daily average for year	706	620	613	638	637	697	706	660	641	102.96	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-17

ROUTE I-15 North of Lima

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	593	86	14.5	75	12.6	72	12.1	68	11.5	67	11.3	66	11.1
1962	567	170	29.9	83	14.6	74	13.1	71	12.5	69	12.2	67	11.8
1963	626	102	16.3	90	14.4	82	13.1	79	12.6	78	12.5	77	12.3
1964	643	123	19.1	95	14.8	86	13.8	85	13.6	83	12.9	81	12.6
1965	673	128	19.0	96	14.3	89	13.2	85	12.6	82	12.2	80	11.9
1966	744	181	24.3	102	13.7	98	13.2	93	12.5	91	12.2	89	12.0
1967	822	129	15.7	109	13.3	106	12.9	103	12.5	101	12.3	98	11.9
1968	660	120	18.2	102	15.5	92	13.9	90	13.6	87	13.2	85	12.9
1969													
1970													
Average	666	130	19.5	94	14.1	87	13.1	84	12.6	82	12.3	80	12.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-18 YEAR 1968

LOCATION U.S. 20 & 191 - 5.0 Miles West of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 12.2 % Foreign Pass Cars 55.6 % Pickups 20.2 % Cammercial 12.0 %

Manth	Average Daily Number of Vehicles									Percent the Average Day is af the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	362	321	368	374	378	390	413	371	365	101.64	30.09
February	596	393	415	425	422	471	513	461	425	108.47	37.39
March	752	418	459	472	458	549	578	536	475	112.84	43.47
April	793	503	518	518	549	562	603	573	528	108.52	46.47
May	1,264	855	922	934	1,079	1,062	1,023	1,025	984	104.17	83.12
June	2,826	2,020	2,108	2,130	2,165	2,346	2,661	2,350	2,154	109.10	190.58
July	3,432	2,771	2,811	3,013	3,217	3,149	3,502	3,102	2,976	104.23	251.56
August	3,341	2,782	2,697	2,764	2,760	2,771	3,246	2,910	2,756	105.59	235.98
September	2,030	1,606	1,438	1,440	1,409	1,465	1,561	1,581	1,478	106.97	128.22
October	1,047	751	845	822	816	940	998	882	834	105.76	71.53
Navember	548	482	542	568	513	606	537	544	545	99.82	44.12
December	581	435	416	403	426	489	478	462	433	106.70	37.47
Daily average far year	1,464	1,111	1,128	1,155	1,183	1,233	1,343	1,233	1,163	106.02	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-18

ROUTE U.S. 20 & 191 West of West Yellowstone

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962			UNDER CONSTRUCTION										
1963	999	291	29.1	261	26.1	251	25.1	238	23.8	230	23.0	225	22.5
1964	1,110	401	36.1	334	30.1	322	29.0	310	27.9	304	27.4	297	26.8
1965	1,167	371	31.8	318	27.2	298	25.5	278	23.8	271	23.2	266	22.8
1966	1,161	379	32.6	317	27.3	299	25.8	284	24.5	274	23.6	266	22.9
1967	1,180	345	29.2	308	26.1	292	24.7	280	23.7	275	23.3	268	22.7
1968	1,233	318	25.8	302	24.5	285	23.1	277	22.5	269	21.8	264	21.4
1969													
1970													
Average	1,142	351	30.7	307	26.9	291	25.5	278	24.3	271	23.7	264	23.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-19 YEAR 1968

LOCATION U.S. 191 - 7.7 Miles North of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 14.5 % Foreign Pass Cars 55.2 % Pickups 17.5 % Commercial 12.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	355	375	389	395	401	402	403	388	392	98.98	35.13
February	632	441	425	452	424	494	494	478	446	107.17	43.28
March	670	463	452	480	473	551	521	523	488	107.17	47.36
April	579	526	537	524	546	586	540	548	544	100.74	49.62
May	1,011	743	817	905	1,077	980	1,140	949	905	104.86	85.94
June	2,085	1,665	1,742	1,783	1,844	1,843	1,911	1,850	1,776	104.17	167.52
July	2,742	2,309	2,365	2,545	2,595	2,645	2,673	2,539	2,481	102.34	229.91
August	2,696	2,337	2,406	2,477	2,356	2,365	2,531	2,449	2,386	102.64	221.77
September	1,627	1,347	1,251	1,283	1,267	1,260	1,271	1,340	1,285	104.28	121.34
October	856	660	723	726	775	831	810	766	743	103.10	69.36
November	529	481	540	614	538	617	587	561	561	100.00	50.80
December	809	903	948	852	793	804	899	861	866	99.42	77.97
Daily average for year	1,216	1,021	1,050	1,086	1,091	1,115	1,148	1,104	1,073	102.89	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-19

ROUTE U.S. 191 North of West Yellowstone

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	802	285	35.5	220	27.4	212	26.4	204	25.4	196	24.4	196	24.2
1962	1,041	325	31.2	295	28.3	280	26.9	273	26.2	269	26.2	265	25.5
1963	904	291	32.2	243	26.9	234	25.9	227	25.1	221	24.4	216	23.9
1964			UNDER CONSTRUCTION										
1965			UNDER CONSTRUCTION										
1966	1,036	326	31.5	266	25.7	247	23.8	239	23.1	235	22.7	230	22.2
1967	1,079	298	27.6	279	25.9	266	24.7	253	23.4	246	22.8	241	22.3
1968	1,104	273	24.7	247	22.4	239	21.6	233	21.1	230	20.8	226	20.5
1969													
1970													
Average	994	300	30.2	258	26.0	246	24.7	238	23.9	233	23.4	229	23.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-20 YEAR 1968

LOCATION U.S. 89 - 17.0 Miles North of Gardiner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 25.0 % Foreign Pass Cars 49.4 % Pickups 17.2 % Cammercial 8.4 %

Manth	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	312	193	205	214	243	274	285	242	223	108.52	38.39
February	476	239	238	241	268	355	356	309	268	115.30	49.02
March	395	213	227	240	259	313	374	296	253	117.00	46.95
April	469	319	294	300	313	353	426	350	315	111.11	55.53
May	666	417	431	472	513	568	652	530	485	109.28	84.08
June	1,218	997	1,010	1,045	1,074	1,121	1,082	1,083	1,049	103.24	171.81
July	1,637	1,432	1,442	1,491	1,505	1,515	1,521	1,501	1,474	101.83	238.13
August	1,645	1,439	1,417	1,475	1,413	1,398	1,394	1,449	1,426	101.61	229.88
September	902	759	713	729	712	774	771	770	738	104.34	122.16
October	536	403	410	433	428	538	564	468	440	106.36	74.25
Navember	305	282	295	305	291	395	394	328	317	103.47	52.04
December	223	243	212	207	220	276	293	238	231	103.03	37.76
Daily average for year	732	578	575	596	603	657	676	630	602	104.65	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-20

ROUTE U.S. 89 North of Gardiner

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961			UNDER CONSTRUCTION										
1962			UNDER CONSTRUCTION										
1963	496	141	28.4	116	23.4	114	23.0	111	22.4	109	22.0	107	21.6
1964	509	165	32.4	132	25.9	125	24.6	121	23.8	119	23.4	117	23.0
1965	564	160	28.4	140	24.8	133	23.6	128	22.7	125	22.2	124	22.0
1966	591	180	30.5	149	25.2	137	23.2	132	22.3	130	22.0	129	21.8
1967	622	162	26.0	139	22.3	133	21.4	131	21.1	128	20.6	127	20.4
1968	630	176	27.9	151	24.0	142	22.5	139	22.1	137	21.7	135	21.4
1969													
1970													
Average	569	164	28.8	138	24.3	131	23.0	127	22.3	125	22.0	123	21.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-21 YEAR 1968

LOCATION Montana Avenue in Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	6,970	8,833	9,764	9,736	10,332	10,780	10,795	9,586	9,831	97.51	80.19
February	8,333	9,713	9,869	9,917	10,872	11,352	11,439	10,236	10,370	98.71	85.63
March	6,860	10,994	11,151	10,980	12,193	13,377	13,172	11,194	11,755	95.23	93.64
April	9,449	11,513	11,651	11,630	12,122	13,065	12,976	11,751	11,947	98.36	98.31
May	10,394	12,298	12,074	12,627	12,359	14,324	14,255	12,665	12,784	99.07	105.95
June	10,306	13,290	13,246	13,460	14,078	15,263	13,628	13,234	13,867	95.43	110.71
July	10,590	13,511	13,512	14,323	14,337	14,501	13,221	13,476	14,022	96.11	112.73
August	10,408	13,812	13,044	13,471	13,971	15,017	13,472	13,439	13,982	96.12	112.42
September	10,240	12,251	13,560	12,992	13,506	14,534	13,549	12,834	13,315	96.39	107.36
October	9,428	11,589	11,808	11,961	12,740	14,111	13,085	12,109	12,406	97.61	101.30
November	8,859	10,737	11,476	11,504	12,075	13,272	11,911	11,499	11,904	96.60	96.19
December	8,520	12,438	12,089	10,452	11,837	13,176	11,872	11,424	12,003	95.18	95.57
Daily average for year	9,196	11,748	11,937	11,921	12,535	13,564	12,781	11,954	12,349	96.80	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-21

ROUTE U.S. 91 & 12 Bypass Montana Avenue - Helena

TRAFFIC TYPE Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	7,971	881	11.1	846	10.6	832	10.4	826	10.4	819	10.3	803	10.1
1962	8,263	979	11.8	899	10.9	867	10.5	861	10.4	848	10.3	841	10.2
1963	8,371	951	11.4	887	10.6	854	10.2	831	9.9	814	9.7	803	9.6
1964	9,664	1,145	11.5	1,060	11.0	1,022	10.6	1,010	10.5	995	10.3	986	10.2
1965	10,702	1,238	11.6	1,120	10.5	1,100	10.3	1,086	10.1	1,064	9.9	1,059	9.9
1966	10,858	1,209	11.1	1,160	10.7	1,127	10.4	1,111	10.2	1,102	10.1	1,092	10.1
1967	11,164	1,643	14.7	1,219	10.9	1,168	10.5	1,149	10.3	1,139	10.2	1,127	10.1
1968	11,954	1,483	12.4	1,292	10.8	1,272	10.6	1,257	10.5	1,244	10.4	1,232	10.3
1969													
1970													
Average	9,868	1,191	12.1	1,060	10.7	1,030	10.4	1,016	10.3	1,003	10.2	993	10.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-22 YEAR 1968

LOCATION Grand Avenue in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 82.8 % Foreign Pass Cars 3.3 % Pickups 12.1 % Commercial 1.8 %

Manth	Average Daily Number of Vehicles									Percent the Averoge Day is of the Average Weekday	Percent the Month Doily Average is of the Yeor Daily Average
	Day af Week							Average Day	Averoge Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	10,369	13,830	14,984	15,389	15,450	15,818	17,137	14,713	15,047	97.78	84.16
February	12,736	16,409	15,241	16,223	17,067	18,541	19,739	16,582	16,714	99.21	94.84
March	13,584	16,131	14,519	15,062	15,670	19,671	20,450	16,617	16,427	101.16	95.05
April	13,747	18,702	17,711	17,737	18,833	20,889	20,692	18,322	18,722	97.86	104.80
Moy	13,107	17,345	16,379	17,392	16,249	20,702	20,322	17,430	17,679	98.59	99.70
June	13,856	20,785	19,864	19,114	19,994	22,108	20,267	19,269	20,373	94.58	110.22
July	13,373	20,243	19,464	19,675	16,342	19,581	18,657	18,365	19,183	95.74	105.04
August	12,798	19,279	18,620	18,492	18,669	20,224	19,071	18,248	19,103	95.52	104.38
September	12,830	17,065	18,150	18,111	18,204	20,953	20,853	17,819	18,429	96.69	101.91
October	12,800	17,336	17,371	17,428	18,121	19,839	20,820	17,670	17,970	98.33	101.07
November	12,820	17,758	17,564	17,797	15,092	20,831	20,544	17,700	17,952	98.60	101.24
December	13,685	19,681	18,789	14,090	15,973	18,421	19,466	17,061	17,391	98.10	97.59
Daily averoge for year	12,975	17,880	17,388	17,209	17,138	19,798	19,835	17,483	17,916	97.58	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-22

ROUTE Grand Avenue - Billings

TRAFFIC TYPE Arterial City Street

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	12,955	1,750	13.5	1,591	12.3	1,541	11.9	1,506	11.6	1,490	11.5	1,470	11.3
1962	14,712	2,009	13.7	1,820	12.4	1,755	11.9	1,699	11.5	1,645	11.2	1,619	11.0
1963	14,779	2,189	14.8	1,759	11.9	1,707	11.6	1,642	11.1	1,610	11.0	1,596	10.8
1964			UNDER CONSTRUCTION										
1965			UNDER CONSTRUCTION										
1966	16,367	2,015	12.3	1,849	11.3	1,773	10.8	1,733	10.6	1,709	10.4	1,689	10.3
1967	16,966	2,114	12.5	1,933	11.4	1,864	11.0	1,822	10.7	1,795	10.6	1,783	10.5
1968	17,483	2,003	11.5	1,849	10.6	1,820	10.4	1,798	10.3	1,777	10.2	1,766	10.1
1969													
1970													
Average	15,544	2,013	13.0	1,800	11.6	1,743	11.2	1,700	10.9	1,671	10.8	1,654	10.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-23 YEAR 1968

LOCATION FAS 241 - 2.5 Miles North of Harlem

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cors 17.0 % Foreign Pass Cars 1.8 % Pickups 17.9 % Commercial 63.3 %

Month	Average Doily Number of Vehicles									Percent the Average Doy is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Soturdoy	Mondoy thru Friday		
Jonuary	163	175	189	196	193	196	211	189	189	100.00	63.39
Februory	173	160	164	182	192	201	205	183	180	101.67	61.38
March	194	202	190	199	208	234	229	209	208	100.48	70.09
April	212	212	204	204	227	228	241	218	214	101.87	73.11
Moy	205	253	334	331	239	264	247	269	247	108.91	90.22
June	192	502	546	569	706	731	258	482	611	78.89	161.65
July	226	864	741	774	645	638	240	609	740	82.30	204.25
August	225	409	390	399	386	398	278	355	396	89.65	119.06
September	237	302	320	304	315	307	278	293	309	94.82	98.27
October	260	293	295	304	327	326	294	301	309	97.41	100.95
November	187	280	258	296	269	285	266	264	278	94.96	88.54
December	127	216	231	225	214	248	193	206	227	90.75	69.09
Doily overoge for yeor	200	322	322	332	327	338	245	298	326	91.41	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-23

ROUTE FAS 241 North of Harlem

TRAFFIC TYPE Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	205	40	19.5	33	16.1	31	15.1	30	14.6	28	13.7	28	13.7
1962			UNDER CONSTRUCTION										
1963	244	44	18.0	38	15.6	34	13.9	32	13.1	31	12.7	30	12.3
1964			UNDER CONSTRUCTION										
1965	272	57	21.0	46	16.9	43	15.8	40	14.7	38	14.0	37	13.6
1966	270	48	17.8	39	14.4	38	14.1	37	13.7	36	13.3	36	13.3
1967	226	49	21.7	37	16.4	33	14.6	31	13.7	30	13.3	30	13.3
1968	298	111	37.2	99	33.2	95	31.9	90	30.2	87	29.2	85	28.5
1969													
1970													
Average	253	58	22.9	49	19.4	46	18.2	43	17.0	42	16.6	41	16.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-24 YEAR 1968

LOCATION U.S. 2 - 1.3 Miles West of Kalispell

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 53.8 % Foreign Pass Cars 10.5 % Pickups 21.0 % Commercial 14.7 %

Manth	Average Daily Number af Vehicles									Percent the Average Day is af the Average Weekday	Percent the Manth Daily Average is af the Year Daily Average
	Day af Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	1,332	1,314	1,347	1,422	1,449	1,484	1,457	1,397	1,397	100.00	68.88
February	1,573	1,524	1,540	1,563	1,550	1,686	1,673	1,586	1,572	100.89	78.20
March	1,876	1,634	1,581	1,683	1,629	1,806	1,857	1,736	1,673	103.77	85.59
April	2,173	1,838	1,818	1,957	1,967	2,206	2,061	1,994	1,949	102.31	98.32
May	2,406	2,059	2,007	2,136	2,203	2,379	2,292	2,214	2,167	102.17	109.16
June	2,667	2,389	2,319	2,357	2,394	2,530	2,537	2,466	2,397	102.88	121.59
July	2,921	2,743	2,608	2,760	2,715	2,894	2,828	2,774	2,739	101.28	136.77
August	2,893	2,751	2,609	2,549	2,559	2,742	2,763	2,699	2,643	102.12	133.08
September	2,299	2,172	2,169	2,082	2,118	2,205	2,165	2,177	2,150	101.26	107.34
Octaber	2,093	1,914	1,837	1,896	1,879	2,071	2,033	1,952	1,913	102.04	96.24
Navember	2,125	1,852	1,769	1,864	1,857	2,049	2,086	1,951	1,886	103.45	96.20
December	1,440	1,382	1,401	1,327	1,304	1,474	1,402	1,392	1,379	100.94	68.63
Daily average far year	2,150	1,964	1,917	1,966	1,969	2,127	2,096	2,028	1,989	101.96	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-24

ROUTE U.S. 2 West of Kalispell

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1,454	219	15.1	190	13.1	184	12.7	180	12.4	176	12.1	174	11.9
1962	1,516	228	19.0	191	12.6	185	12.2	182	12.0	181	12.0	179	11.8
1963	1,561	214	13.7	199	12.7	191	12.2	184	11.8	183	11.7	180	11.5
1964	1,508	230	15.3	206	13.7	201	13.3	195	12.9	191	12.7	188	12.5
1965	1,662	223	13.4	209	12.6	202	12.2	199	12.0	196	11.8	193	11.6
1966	1,818	258	14.2	227	12.5	214	11.8	211	11.6	209	11.5	206	11.3
1967	1,992	270	13.6	243	12.2	234	11.7	230	11.5	226	11.3	224	11.2
1968	2,028	266	13.1	239	11.8	233	11.5	228	11.2	224	11.0	221	10.9
1969													
1970													
Average	1,692	239	14.1	213	12.6	206	12.2	201	11.9	198	11.7	196	11.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-25 YEAR 1968

LOCATION I-94 - 6.8 Miles East of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 20.1 % Fareign Pass Cars 52.0 % Pickups 9.3 % Cammercial 18.6 %

Manth	Average Daily Number af Vehicles									Percent the Average Day is af the Average Weekday	Percent the Manth Daily Average is af the Year Daily Average
	Day af Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	1,045	957	978	1,038	982	956	1,025	997	983	101.42	63.40
February	1,154	870	881	1,029	980	1,000	1,015	995	961	103.54	63.27
March	1,414	961	1,085	1,178	1,238	1,192	1,272	1,201	1,134	105.91	76.37
April	1,508	1,234	1,225	1,262	1,369	1,469	1,428	1,348	1,304	103.37	85.70
May	1,623	1,267	1,361	1,409	1,416	1,520	1,408	1,427	1,396	102.22	90.74
June	2,538	2,112	2,062	2,029	2,144	2,323	2,501	2,262	2,134	106.00	143.83
July	2,652	2,429	2,380	2,361	2,336	2,368	2,533	2,432	2,377	102.31	154.64
August	3,111	2,550	2,596	2,625	2,607	2,837	2,886	2,748	2,650	103.70	174.74
September	2,009	1,685	1,625	1,699	1,757	1,789	1,813	1,773	1,710	103.68	112.74
Octaber	1,511	1,254	1,282	1,320	1,386	1,546	1,512	1,395	1,354	103.03	88.70
Navember	1,153	1,090	1,128	1,275	1,172	1,402	1,343	1,233	1,222	100.90	78.40
December	1,156	988	1,020	914	941	1,115	1,294	1,061	996	106.53	67.47
Daily average far year	1,740	1,450	1,469	1,512	1,527	1,626	1,669	1,573	1,518	103.62	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-25

ROUTE I-94 East of Wibaux

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1,031	233	22.6	173	16.8	148	14.4	141	13.7	131	12.7	127	12.3
1962			UNDER CONSTRUCTION										
1963	1,211	243	20.1	150	12.4	140	11.6	136	11.2	133	11.0	130	10.7
1964			UNDER CONSTRUCTION										
1965	1,307	232	17.8	168	12.9	160	12.2	156	11.9	154	11.8	150	11.5
1966	1,369	230	16.8	182	13.3	175	12.8	171	12.5	167	12.2	164	12.0
1967	1,374	276	20.1	210	15.3	191	13.9	182	13.2	179	13.0	177	12.9
1968	1,573	283	18.0	249	15.8	231	14.7	223	14.2	217	13.8	211	13.4
1969													
1970													
Average	1,311	250	19.1	189	14.4	174	13.3	168	12.8	164	12.5	160	12.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-26 YEAR 1968

LOCATION U.S. 2 - 0.1 Mile East of Bainville

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 34.8 % Foreign Pass Cars 34.1 % Pickups 16.6 % Commercial 14.5 %

Manth	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	337	444	482	457	476	469	406	442	466	94.85	61.74
February	387	450	487	468	514	444	409	454	475	95.58	63.42
March	596	556	526	551	586	673	610	589	583	101.03	82.27
April	624	649	564	603	642	714	672	636	632	100.63	88.84
May	813	680	686	736	720	804	792	748	729	102.61	104.48
June	1,004	971	921	907	960	1,007	1,004	970	953	101.78	135.50
July	1,102	1,108	1,102	1,057	1,057	1,089	1,087	1,086	1,083	100.28	151.69
August	1,068	1,063	1,056	995	1,052	1,087	1,080	1,059	1,052	100.67	147.92
September	896	807	764	752	788	793	799	803	781	102.82	112.16
October	637	612	604	603	680	721	661	644	642	100.31	89.95
Navember	508	586	566	623	638	687	599	607	628	96.66	84.79
December	449	588	542	543	521	620	626	553	563	98.22	77.24
Daily average far year	702	710	692	691	720	759	729	716	716	100.00	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-26

ROUTE U.S. 2 East of Bainville

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	729	170	23.3	106	14.5	96	13.2	93	12.8	90	12.3	88	12.1
1962	784	177	22.6	128	16.3	124	15.8	120	15.3	118	15.1	117	14.9
1963	753	187	24.8	109	14.5	101	13.4	96	12.9	95	12.6	93	12.4
1964	753	187	24.8	117	15.5	104	13.8	101	13.4	99	13.1	96	12.9
1965	783	143	18.3	122	15.6	113	14.4	108	13.8	104	13.3	101	12.9
1966	733	139	19.0	109	14.9	97	13.2	93	12.7	91	12.4	90	12.3
1967	750	164	21.9	120	16.0	107	14.3	102	13.6	98	13.1	96	12.8
1968	716	124	17.3	105	14.7	101	14.1	97	13.5	95	13.3	92	12.8
1969													
1970													
Average	750	161	21.5	115	15.3	105	14.0	101	13.5	99	13.2	97	12.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-27 YEAR 1968

LOCATION U.S. 191 - 1.5 Miles South of Fred Robinson Bridge

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 51.3 % Foreign Pass Cars 9.2 % Pickups 15.8 % Commercial 23.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	153	176	204	164	194	227	163	183	191	95.81	64.38
February	187	193	174	177	217	257	172	197	204	96.57	69.31
March	302	198	187	206	221	287	216	235	223	105.38	82.67
April	318	239	225	208	260	344	251	261	253	103.16	91.82
May	484	268	248	275	305	354	318	321	293	109.56	112.93
June	428	332	300	303	309	406	340	348	330	105.45	122.43
July	446	359	298	360	368	386	329	361	352	102.56	127.99
August	414	361	358	294	315	401	349	356	347	102.59	125.24
September	402	325	310	260	285	339	323	323	305	105.91	113.63
October	434	284	252	254	282	367	318	308	285	108.07	108.36
November	292	293	274	314	257	346	328	303	299	101.34	106.60
December	250	197	209	184	210	264	193	215	212	101.42	75.64
Daily average for year	343	269	253	258	269	332	275	284	275	103.27	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-27

ROUTE U.S. 191 Robinson Bridge

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	202	126	62.4	71	35.1	50	24.8	44	21.8	40	19.8	38	18.8
1962	219	57	26.0	46	21.0	41	18.7	39	17.8	38	17.4	36	16.4
1963	251	95	37.8	54	21.5	43	17.1	42	16.7	40	15.9	39	15.5
1964	263	135	51.3	87	33.8	76	28.9	71	27.0	61	23.2	58	22.1
1965	244	68	27.9	51	20.9	45	18.4	43	17.6	41	16.8	40	16.4
1966	260	122	46.9	58	22.3	51	19.6	48	18.5	46	17.7	44	16.9
1967	272	72	26.5	55	20.2	48	17.6	46	16.9	44	16.2	42	15.4
1968	284	122	43.0	59	20.8	52	18.3	48	16.9	46	16.2	45	15.8
1969													
1970													
Average	249	100	40.2	60	24.1	51	20.5	48	19.3	45	18.1	43	17.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-28 YEAR 1968

LOCATION Interstate Frontage Road - 7.0 Miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	192	175	191	190	184	187	181	185	185	100.00	53.35
February	287	224	228	249	242	243	258	247	237	104.22	71.23
March	350	305	252	314	293	299	321	306	292	104.79	88.25
April	351	318	290	312	296	345	314	317	311	101.93	91.42
May	360	426	358	352	348	392	391	374	374	100.00	107.86
June	365	551	514	479	490	427	364	450	492	91.46	129.78
July	324	464	441	461	455	476	326	424	459	92.37	122.28
August	340	524	475	426	432	496	397	439	467	94.00	126.60
September	316	423	379	469	436	440	356	403	433	93.07	116.22
October	318	396	411	386	430	455	354	394	414	95.17	113.63
November	402	410	351	342	336	399	327	366	369	99.19	105.55
December	226	335	314	242	197	238	210	256	271	94.46	73.83
Daily average for year	319	379	350	352	345	366	317	347	359	96.66	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-28

ROUTE Vaughn Interstate Frontage

TRAFFIC TYPE Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	255	112	43.9	71	27.8	63	24.7	59	23.1	56	22.0	52	20.4
1962	241	55	22.8	44	18.3	41	17.0	39	16.2	37	15.4	36	14.9
1963	183	52	35.0	38	20.8	34	18.6	33	18.0	32	17.5	31	16.9
1964	170	54	31.8	42	24.7	37	21.8	35	20.6	34	20.0	33	19.4
1965	204	61	29.9	41	20.1	36	17.6	34	16.7	33	16.2	32	15.7
1966	255	111	43.5	43	16.9	41	16.1	39	15.3	38	14.9	37	14.5
1967	294	78	26.5	62	21.1	56	19.0	54	18.4	53	18.0	50	17.0
1968	347	97	28.0	65	18.7	60	17.3	54	15.6	53	15.3	51	14.7
1969													
1970													
Average	244	78	32.0	51	20.9	46	18.9	43	17.6	42	17.2	40	16.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-29 YEAR 1968

LOCATION Interstate Frontage Road - 6.0 Miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 49.8 % Foreign Pass Cars 6.7 % Pickups 27.2 % Commercial 16.3 %

Month	Average Doily Number of Vehicles									Percent the Averoge Day is of the Average Weekday	Percent the Manth Daily Average is af the Year Doily Averoge
	Doy of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturdoy	Mondoy thru Fridoy		
January	1,009	936	1,052	1,097	989	1,027	1,096	1,029	1,021	100.78	78.98
Februory	1,476	1,173	1,100	1,170	1,329	1,337	1,272	1,267	1,227	103.26	97.24
March	1,607	1,334	1,352	1,396	1,472	1,640	1,755	1,517	1,439	105.42	116.43
April	1,198	1,187	1,136	1,095	1,190	1,343	1,499	1,225	1,180	103.81	94.02
May	1,531	1,269	1,192	1,290	1,302	1,399	1,482	1,350	1,295	104.25	103.61
June	1,386	1,319	1,326	1,292	1,276	1,415	1,384	1,345	1,326	101.43	103.23
July	1,520	1,356	1,343	1,371	1,438	1,506	1,417	1,415	1,397	101.29	108.60
August	1,466	1,394	1,353	1,307	1,342	1,458	1,432	1,395	1,374	101.53	107.07
September	1,444	1,380	1,427	1,380	1,410	1,564	1,552	1,448	1,430	101.26	111.14
October	1,445	1,158	1,182	1,214	1,227	1,397	1,405	1,287	1,239	103.87	98.78
Navember	1,259	1,192	1,322	1,227	1,166	1,372	1,338	1,274	1,261	101.03	97.78
December	992	1,132	1,129	1,041	1,035	1,094	1,164	1,083	1,089	99.45	83.12
Daily average far year	1,361	1,236	1,243	1,240	1,265	1,379	1,400	1,303	1,273	102.36	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-29

ROUTE Billings Interstate Frontage

TRAFFIC TYPE Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961			UNDER CONSTRUCTION										
1962	1,269	194	15.3	183	14.4	171	13.5	162	12.8	158	12.5	154	12.1
1963	1,500	279	18.6	221	14.7	211	14.1	203	13.5	196	13.1	193	12.9
1964	1,423	279	19.6	221	15.5	212	14.9	208	14.6	202	14.2	197	13.8
1965	1,153	205	17.8	149	12.9	136	11.8	133	11.5	131	11.4	128	11.1
1966	1,234	226	18.3	151	12.2	147	11.9	142	11.5	139	11.3	136	11.0
1967	1,165	201	17.3	146	12.5	136	11.7	132	11.3	130	11.2	128	11.0
1968	1,303	185	14.2	162	12.4	155	11.9	152	11.7	149	11.4	145	11.1
1969													
1970													
Average	1,292	224	17.3	176	13.6	167	12.9	162	12.5	138	10.7	135	10.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-30 YEAR 1968

LOCATION I-90 - 0.9 Miles West of Superior Interchange

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 25.6 % Foreign Pass Cars 47.8 % Pickups 9.0 % Commercial 17.6 %

Manth	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	1,107	1,144	1,142	1,158	1,208	1,267	1,166	1,168	1,179	99.07	63.01
February	1,385	1,170	1,181	1,190	1,345	1,435	1,279	1,295	1,281	101.09	69.86
March	1,361	1,131	1,141	1,189	1,266	1,402	1,325	1,270	1,234	102.92	68.51
April	1,384	1,240	1,237	1,262	1,360	1,574	1,433	1,348	1,326	101.66	72.72
May	1,817	1,635	1,637	1,724	1,810	1,918	1,809	1,769	1,754	100.86	95.43
June	2,781	2,452	2,299	2,423	2,708	3,053	3,051	2,696	2,587	104.21	145.42
July	2,800	2,619	2,524	2,675	2,738	2,869	2,989	2,731	2,675	102.09	147.32
August	2,947	2,844	2,809	2,893	2,838	3,141	3,147	2,955	2,913	101.44	159.41
September	2,321	2,189	2,057	2,119	2,121	2,381	2,358	2,223	2,174	102.25	119.92
October	2,011	1,754	1,712	1,804	1,870	2,199	1,884	1,881	1,858	101.24	101.47
Navember	1,559	1,475	1,462	1,719	1,520	1,687	1,613	1,581	1,578	100.19	85.29
December	1,518	1,326	1,097	1,166	1,332	1,457	1,411	1,328	1,270	104.57	71.64
Daily average far year	1,916	1,748	1,692	1,777	1,843	2,032	1,955	1,854	1,819	101.92	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-30

ROUTE I-90 West of Superior

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961			UNDER CONSTRUCTION										
1962	1,487	362	24.3	320	21.5	307	20.6	302	30.3	297	20.0	292	19.6
1963	1,511	256	16.9	227	15.0	216	14.3	209	13.8	205	13.6	202	13.4
1964	1,643	315	19.2	244	14.9	236	14.5	231	14.1	223	13.6	220	13.4
1965	1,669	288	17.3	241	14.4	233	14.0	227	13.6	225	13.5	223	13.4
1966	1,822	313	17.2	272	14.9	257	14.1	253	13.9	249	13.7	243	13.3
1967	1,601	289	18.1	212	13.2	196	12.2	192	12.0	187	11.7	183	11.4
1968	1,854	300	16.2	261	14.1	247	13.3	242	13.1	238	12.8	233	12.6
1969													
1970													
Average	1,655	303	18.3	254	15.3	242	14.6	237	14.3	232	14.0	228	13.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-31 YEAR 1968

LOCATION I-94 - 7.8 Miles West of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cors 43.0 % Foreign Pass Cars 15.0 % Pickups 16.5 % Commercial 25.5 %

Month	Average Doily Number of Vehicles									Percent the Averoge Doy is of the Averoge Weekday	Percent the Month Daily Averoge is of the Year Daily Average
	Doy of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturdoy	Mondoy thru Fridoy		
Jonuory	1,031	1,128	1,249	1,197	1,161	1,238	1,108	1,162	1,194	97.32	64.50
Februory	1,270	1,232	1,292	1,277	1,363	1,472	1,286	1,315	1,329	98.95	72.98
March	1,596	1,446	1,414	1,451	1,487	1,689	1,506	1,521	1,506	101.00	84.43
April	1,623	1,529	1,507	1,497	1,577	1,825	1,557	1,583	1,581	100.13	87.87
May	1,841	1,674	1,633	1,748	1,790	1,924	1,746	1,770	1,762	100.45	98.25
June	2,783	2,445	2,410	2,411	2,498	2,669	2,566	2,549	2,487	102.49	141.48
July	2,695	2,627	2,560	2,607	2,479	2,624	2,486	2,584	2,582	100.08	143.43
August	2,668	2,679	2,685	2,603	2,597	2,825	2,648	2,674	2,681	99.74	148.42
September	2,033	1,968	1,931	1,944	1,938	2,092	2,001	1,988	1,974	100.71	110.35
October	1,905	1,626	1,656	1,679	1,761	1,987	1,780	1,763	1,736	101.56	97.86
November	1,394	1,411	1,453	1,572	1,393	1,670	1,506	1,492	1,508	98.94	82.82
December	1,282	1,200	1,210	1,050	1,164	1,285	1,325	1,218	1,184	102.87	67.61
Daily overage for year	1,843	1,747	1,750	1,753	1,767	1,942	1,793	1,802	1,794	100.45	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-31

ROUTE I-94 West of Miles City

TRAFFIC TYPE Interstate - Foreign and Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963	1,655	213	12.9	198	12.0	186	11.4	187	11.3	184	11.1	183	11.0
1964	1,643	256	15.6	210	12.8	203	12.4	199	12.1	196	11.9	193	11.7
1965	1,652	261	15.8	210	12.7	202	12.2	197	11.9	193	11.7	190	11.5
1966	1,739	251	14.4	220	12.7	213	12.2	207	11.9	203	11.7	201	11.6
1967	1,766	245	13.9	233	13.2	217	12.3	212	12.0	210	11.9	207	11.7
1968	1,802	267	14.8	234	13.0	227	12.6	222	12.3	215	11.9	212	11.8
1969													
1970													
Average	1,710	249	14.6	218	12.7	208	12.2	204	11.9	200	11.7	198	11.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-32 YEAR 1968

LOCATION On 25th Street North between 4th and 5th Avenue in Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Poss Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Doily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Doily Averoge is of the Year Daily Average
	Day of Week							Average Day	Averoge Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sundoy thru Saturdoy	Mondoy thru Friday		
January	3,239	4,233	4,550	4,400	4,620	4,746	4,822	4,383	4,505	97.29	87.62
February	3,160	4,383	4,354	4,548	4,479	4,974	4,935	4,420	4,562	96.89	88.36
March	4,140	5,040	4,890	4,658	5,130	5,686	5,896	5,073	5,099	99.49	101.41
April	4,281	5,499	5,135	5,254	5,467	5,631	6,034	5,328	5,390	98.85	106.51
May	4,679	5,612	5,259	5,554	5,689	6,204	6,560	5,667	5,684	99.70	113.30
June	3,640	5,354	5,466	5,276	5,454	5,837	5,140	5,115	5,477	93.39	102.25
July	3,897	5,400	5,550	5,304	4,880	5,392	5,117	5,110	5,320	96.05	102.15
August	3,944	5,196	5,056	5,080	5,319	5,661	5,291	5,111	5,283	96.74	102.17
September	3,684	4,510	5,047	4,964	5,040	5,343	5,326	4,811	4,981	96.59	96.18
October	3,575	4,598	4,697	4,811	5,044	5,447	5,385	4,799	4,910	97.74	95.94
November	3,506	4,791	5,151	5,025	4,775	5,555	5,076	4,871	5,083	95.83	97.38
December	3,956	5,281	5,587	5,334	5,481	6,203	5,647	5,339	5,597	95.39	106.73
Doily average far year	3,808	4,991	5,062	5,017	5,115	5,557	5,436	5,002	5,158	96.98	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-32

ROUTE 25th Street North in Great Falls

TRAFFIC TYPE City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963	4,767	659	13.8	579	12.1	559	11.7	546	11.5	543	11.4	535	11.2
1964	4,883	717	14.7	621	12.7	572	11.7	563	11.5	559	11.4	552	11.3
1965	5,314	725	13.6	598	11.3	584	11.0	573	10.8	567	10.7	560	10.5
1966	4,960	716	14.4	575	11.6	546	11.0	534	10.8	529	10.7	526	10.6
1967	4,883	635	13.0	553	11.3	538	11.0	528	10.8	521	10.7	514	10.5
1968	5,002	653	13.1	589	11.8	564	11.3	551	11.0	543	10.9	529	10.6
1969													
1970													
Average	4,968	684	13.8	586	11.8	561	11.3	549	11.1	544	11.0	536	10.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-33 YEAR 1968

LOCATION On 10th Avenue South between 9th and 10th Street in Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 74.4 % Foreign Pass Cars 6.6 % Pickups 15.0 % Commercial 4.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	16,279	20,094	21,329	20,989	21,145	21,956	20,983	20,461	21,097	96.99	92.28
February	18,169	22,200	21,541	20,737	22,907	24,053	24,101	21,991	22,317	98.54	99.19
March	18,201	22,397	21,601	21,645	23,161	25,535	24,836	22,519	22,995	97.93	101.57
April	18,546	22,491	20,910	21,723	23,311	24,949	24,131	22,201	22,514	98.61	100.13
May	19,560	23,185	21,780	22,607	23,039	25,782	23,795	22,917	23,348	98.15	103.36
June	18,899	23,797	22,370	22,161	22,981	25,647	23,627	22,682	23,391	96.97	102.30
July	19,943	25,060	25,406	25,476	24,483	26,311	24,259	24,517	25,358	96.68	110.58
August	20,062	25,434	24,494	24,843	26,173	28,338	25,856	25,318	26,151	96.81	114.20
September	18,315	21,925	23,797	23,295	23,969	25,141	24,367	22,766	23,521	96.79	102.68
October	16,315	20,833	21,181	21,586	23,177	25,258	22,630	21,720	22,502	96.52	97.96
November	16,478	20,984	20,729	21,333	19,453	24,028	21,645	20,809	21,354	97.45	93.85
December	14,279	20,342	19,530	17,106	17,278	19,626	19,026	18,158	18,882	96.17	81.90
Daily average for year	17,921	22,395	22,056	21,958	22,590	24,719	23,271	22,172	22,786	97.31	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-33

ROUTE 10th Avenue South in Great Falls

TRAFFIC TYPE Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965	23,096	2,488	10.8	2,375	10.3	2,296	9.9	2,248	9.7	2,211	9.6	2,185	9.5
1966	22,752	2,296	10.1	2,199	9.7	2,174	9.6	2,123	9.3	2,100	9.2	2,074	9.1
1967	22,079	2,365	10.7	2,233	10.1	2,181	9.9	2,154	9.8	2,138	9.7	2,107	9.5
1968	22,172	2,370	10.7	2,195	9.9	2,096	9.5	2,073	9.4	2,066	9.3	2,055	9.3
1969													
1970													
Average	22,525	2,380	10.6	2,251	10.0	2,187	9.7	2,150	9.5	2,129	9.5	2,105	9.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-34 YEAR 1968

LOCATION U.S. 12 - 0.6 Miles West of Ingomar

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 28.4 % Foreign Pass Cars 42.6 % Pickups 11.8 % Commercial 17.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	131	150	157	153	150	217	155	159	164	96.95	61.85
February	149	131	163	174	165	206	143	160	166	96.39	62.24
March	175	163	181	163	208	198	159	178	183	97.27	69.23
April	204	198	179	187	198	228	209	199	197	101.02	77.41
May	278	254	256	270	245	269	245	260	259	100.39	101.13
June	422	339	325	337	333	380	409	367	343	107.00	142.76
July	377	382	390	362	372	397	338	374	380	98.42	145.48
August	389	391	418	384	401	428	380	399	405	98.52	155.20
September	272	286	287	307	298	304	264	288	296	97.30	112.03
October	318	251	254	265	284	308	297	281	272	103.31	109.30
November	234	199	219	231	235	271	246	235	233	100.86	91.41
December	194	194	180	152	172	227	172	185	185	100.00	71.96
Daily average for year	262	245	251	249	255	286	251	257	257	100.00	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-34

ROUTE U.S. 12 West of Ingomar

TRAFFIC TYPE Primary

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965	299	63	21.1	53	17.7	50	16.7	48	16.1	47	15.7	45	15.1
1966	306	70	22.9	54	17.6	52	17.0	48	15.7	47	15.4	45	14.7
1967	252	58	23.0	44	17.5	41	16.3	38	15.1	38	15.1	37	14.7
1968	257	67	26.1	52	20.2	47	18.3	44	17.1	42	16.3	41	16.0
1969													
1970													
Average	279	65	23.3	51	18.3	48	17.2	45	16.1	44	15.8	42	15.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-35 YEAR 1968

LOCATION I-90 - Frontage Road 11.0 Miles East of Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Cammercial_____%

Manth	Average Daily Number af Vehicles									Percent the Average Day is af the Average Weekday	Percent the Manth Daily Average is af the Year Daily Average
	Day af Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	240	231	229	229	238	228	267	237	231	102.60	82.39
February	360	283	255	264	276	338	333	300	283	106.01	104.29
March	328	284	259	281	271	285	307	290	276	105.07	100.81
April	352	279	265	294	287	291	337	299	282	106.02	103.94
May	337	291	296	308	321	331	345	319	311	102.57	110.89
June	351	320	318	334	332	366	398	348	335	103.88	120.97
July	324	299	317	338	341	329	379	331	324	102.16	115.06
August	283	239	236	263	288	263	289	272	266	102.26	94.55
September	243	255	242	251	246	295	263	257	259	99.23	89.34
October	282	253	252	276	278	269	283	271	267	101.50	94.21
November	281	272	258	271	272	286	296	278	273	101.83	96.64
December	250	253	254	243	252	252	243	250	251	99.60	86.91
Daily average far year	303	272	265	279	284	294	312	288	280	102.86	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-35

ROUTE Turah Interstate Frontage

TRAFFIC TYPE Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965	166	41	24.7	31	18.7	28	16.9	27	16.3	26	15.7	25	15.1
1966	214	45	21.0	34	15.9	32	15.0	31	14.5	29	13.6	29	13.6
1967	266	54	20.3	40	15.0	38	14.3	37	13.9	36	13.5	36	13.5
1968	288	82	28.5	46	16.0	40	13.9	39	13.5	37	12.8	36	12.5
1969													
1970													
Average	234	56	23.9	38	16.2	35	15.0	34	14.5	32	13.7	32	13.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-36 YEAR 1968

LOCATION U.S. 2 - 0.5 Miles West of Browning

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 47.2 % Foreign Pass Cars 21.8 % Pickups 18.9 % Commercial 12.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	549	397	429	407	352	415	441	425	400	106.25	42.64
February	716	473	507	501	499	546	570	543	505	107.52	54.47
March	809	562	591	562	580	649	649	636	592	107.43	63.80
April	892	665	596	635	674	737	732	699	659	106.07	70.12
May	1,357	824	866	951	999	978	1,032	1,000	932	107.30	100.32
June	1,794	1,354	1,359	1,367	1,371	1,523	1,502	1,479	1,395	106.02	148.37
July	2,488	1,855	1,818	2,115	2,247	1,981	2,187	2,082	1,993	104.47	208.86
August	2,254	1,744	1,680	1,620	1,605	1,856	1,897	1,806	1,704	105.99	181.17
September	1,297	1,220	1,088	1,032	1,102	1,090	1,053	1,135	1,112	102.07	113.86
October	975	829	820	781	820	954	955	870	836	104.07	87.28
November	873	765	673	745	665	822	795	765	738	103.66	76.74
December	721	485	481	456	454	494	535	522	475	109.89	52.37
Daily average for year	1,227	931	909	931	947	1,004	1,029	997	945	105.71	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-36

ROUTE U.S. 2 West of Browning

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966	904	231	25.6	193	21.3	174	19.2	168	18.6	165	18.3	161	17.8
1967	967	232	24.0	198	20.5	185	19.1	179	18.5	174	18.0	169	17.5
1968	999	360	36.0	293	29.3	227	22.7	202	20.2	196	19.6	186	18.6
1969													
1970													
Average	957	274	28.6	228	23.8	195	20.4	183	19.1	178	18.6	172	18.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-37 YEAR 1968

LOCATION South of Orange Street Bridge in Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 74.9 % Foreign Pass Cars 3.8 % Pickups 16.6 % Commercial 4.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	6,788	9,813	10,502	10,506	10,768	11,254	10,175	10,001	10,530	94.98	86.15
February	7,272	11,122	11,119	10,836	11,054	11,964	10,584	10,580	11,209	94.39	91.13
March	8,441	12,046	11,934	11,361	11,479	12,020	11,483	11,200	11,789	95.00	96.48
April	8,114	12,231	11,783	11,916	12,215	13,147	11,571	11,613	12,257	94.75	100.03
May	8,197	12,361	12,502	12,720	12,447	14,151	11,816	12,132	12,871	94.25	104.50
June	8,237	13,406	12,763	12,112	12,772	13,897	11,247	11,907	12,990	91.66	102.57
July	8,486	13,676	13,227	13,266	11,667	13,723	10,998	12,269	13,148	93.31	105.68
August	8,277	13,438	13,003	13,004	13,403	14,313	11,440	12,473	13,471	92.59	107.44
September	7,889	11,874	13,192	13,036	13,079	13,993	11,568	11,940	12,976	92.02	102.85
October	7,858	12,674	12,363	12,336	12,937	14,286	12,283	12,185	12,920	94.31	104.96
November	7,705	12,263	12,615	12,502	11,094	13,765	11,632	11,723	12,510	93.71	100.99
December	7,401	12,746	12,265	10,713	12,063	12,791	11,391	11,287	12,151	92.89	97.22
Daily average for year	7,889	12,304	12,272	12,026	12,082	13,275	11,349	11,609	12,402	93.67	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-37

ROUTE Orange Street Bridge

TRAFFIC TYPE Urban & City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966	11,701	1,418	12.1	1,347	11.5	1,318	11.3	1,296	11.1	1,273	10.9	1,259	10.8
1967	11,519	1,351	11.7	1,225	10.6	1,198	10.4	1,178	10.2	1,170	10.2	1,159	10.1
1968	11,609	1,355	11.7	1,274	11.0	1,233	10.6	1,207	10.4	1,198	10.3	1,179	10.2
1969													
1970													
Average	11,610	1,375	11.8	1,282	11.0	1,250	10.8	1,227	10.6	1,214	10.5	1,199	10.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-38 YEAR 1968

LOCATION Montana 20 - 1.0 Mile West of Jordan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 41.7 % Foreign Pass Cars 15.0 % Pickups 23.3 % Cammercial 20.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	160	198	205	196	185	226	150	190	202	94.06	51.39
February	216	222	209	218	204	263	180	216	222	97.30	58.42
March	315	284	277	305	292	338	280	300	301	99.67	81.14
April	342	341	317	292	339	394	302	332	336	98.81	89.78
May	327	337	355	367	346	415	311	354	366	96.72	95.74
June	484	458	436	462	480	532	483	477	473	100.85	129.00
July	556	509	480	529	485	563	529	520	512	101.56	140.64
August	556	467	463	478	503	561	564	515	496	103.86	139.28
September	411	446	409	420	425	523	397	433	445	97.30	117.11
October	472	427	378	403	424	485	489	436	421	103.56	117.92
Navember	311	370	352	424	350	448	364	376	392	95.92	101.69
December	267	290	298	250	294	337	281	288	294	97.96	77.89
Daily average for year	368	362	348	362	361	424	361	370	372	99.46	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-38

ROUTE Montana 20 West of Jordan

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966													
1967	330	76	23.0	61	18.5	59	17.9	55	16.7	53	16.1	51	15.5
1968	370	79	21.4	61	16.5	58	15.7	55	14.9	53	14.3	52	14.1
1969													
1970													
Average	350	78	22.3	61	17.4	59	16.9	55	15.7	53	15.1	52	14.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-39 YEAR 1968

LOCATION U.S. 89 - 0.5 Mile North of Dupuyer

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 24.2 % Foreign Pass Cars 57.8 % Pickups 12.2 % Commercial 5.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	168	138	156	149	128	147	137	146	144	101.39	34.09
February	237	177	191	179	174	180	214	192	180	106.67	44.83
March	268	218	233	201	216	249	254	236	225	104.89	55.11
April	304	273	249	256	267	273	289	272	263	103.42	63.51
May	479	308	367	356	422	380	391	387	370	104.59	90.37
June	833	601	609	609	614	637	675	661	614	107.65	154.35
July	1,165	929	945	944	1,026	982	1,002	993	962	103.22	231.87
August	1,073	939	951	902	868	906	934	935	911	102.63	218.33
September	584	554	466	455	448	433	416	483	471	102.55	112.79
October	400	373	308	318	320	379	359	348	336	103.57	81.26
November	365	271	255	282	256	294	332	295	273	108.06	68.89
December	210	186	181	225	166	189	176	191	190	100.53	44.60
Daily average for year	507	414	409	406	409	421	432	428	412	103.88	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-39

ROUTE U.S. 89 North of Dupuyer

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966													
1967	443	211	47.6	126	28.4	113	25.5	108	24.4	106	23.9	103	23.3
1968	428	133	31.1	111	25.9	107	25.0	103	24.1	101	23.6	100	23.4
1969													
1970													
Average	436	172	39.4	169	38.8	110	25.2	106	24.3	104	23.9	102	23.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-40 YEAR 1968

LOCATION Wolf Creek Frontage Road

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Manth	Average Daily Number af Vehicles									Percent the Average Day is af the Average Weekday	Percent the Manth Daily Average is at the Year Daily Average
	Day af Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	75	52	49	61	67	46	64	59	55	107.27	
February	184	59	67	70	53	50	111	83	59	140.68	
March	185	61	63	80	104	99	142	108	82	131.71	
April	156	75	69	103	82	81	124	97	81	119.75	
May	248	84	66	82	135	108	198	131	99	132.32	
June	240	91	96	102	106	102	196	139	99	140.40	
July	271	169	115	220	202	193	189	191	178	107.30	
August	279	110	130	120	126	148	171	154	128	120.31	
September				POWER	FAILURE						
October	154	78	81	104	78	88	99	96	86	111.63	
Navember	123	67	55	46	70	62	98	75	60	125.00	
December	68	34	38	29	24	36	33	39	33	118.18	
Daily average far year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-40

ROUTE Wolf Creek - Frontage Road

TRAFFIC TYPE Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968	110	55	50.0	42	38.2	39	35.5	36	32.7	34	30.9	32	29.1
1969													
1970													
Average													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-41 YEAR 1968

LOCATION I-90 - East of Livingston

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 41.2 % Foreign Pass Cars 28.8 % Pickups 13.6 % Commercial 16.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January											
February											
March											
April											
May											
June											
July	3,776	3,247	3,236	3,277	3,268	3,617	3,767	3,436	3,319	103.53	
August	4,219	3,501	3,456	3,387	3,385	3,960	3,990	3,707	3,550	104.42	
September	3,284	2,746	2,558	2,549	2,640	2,987	2,933	2,827	2,698	104.78	
October	2,913	2,046	2,010	2,107	2,203	2,855	2,653	2,370	2,226	106.47	
November	2,197	1,848	1,867	1,997	1,855	2,301	2,131	2,040	1,989	102.56	
December	1,894	1,462	1,439	1,349	1,495	1,798	1,806	1,605	1,503	106.79	
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-41

ROUTE I-90 & U.S.10 East of Livingston

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
* 1968	2,664	389	14.6	362	13.6	338	12.7	322	12.1	311	11.7	304	11.4
1969													
1970													
Average													

* Average for 6 months